

U.S. PATENT AND TRADEMARK OFFICE, U.S. DEPARTMENT OF COMMERCE

<p>Substitute for Form 1449/PTO</p> <h2 style="margin: 0;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p>(Use as many sheets as necessary)</p>			
Complete If Known			
Application Number		09/509,869-Conf. #1354	
Filing Date		June 15, 2000	
First Named Inventor		Lennart Carlsson	
Art Unit		3764	
Examiner Name		N. D. Lucchesi	
Sheet	1	of	4
Attorney Docket Number 21547-00268-US			

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No.*	Foreign Patent Document Country Code* - Number* - Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
	BA	WO-83/02555	08-04-1983	US MEDICAL CORPORATION	

Examiner Signature	Date Considered	
-----------------------	--------------------	--

"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 106. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant." CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not under (37 CFR 1.56(a)(2)(ii)) because that application was filed after June 30, 2003 or is available in the IFW. Applicant's name is listed in the CITE NO. column. CITE NO. is the application number or URL of the application at www.uspto.gov or MPEP 91.04. "E-mail Office that issued the document, by the two-letter code (WFO or STAN). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document." Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible." Applicant is to check a mark here if English language translation is attached.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	09/509,869-Conf. #1354
<i>(Use as many sheets as necessary)</i>				Filing Date	June 15, 2000
Sheet	2	of	4	First Named Inventor	Lennart Carlsson
				Art Unit	3764
				Examiner Name	N. D. Lucchesi
				Attorney Docket Number	21547-00268-US

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
CA	"ORGAN DER DEUTSCHEN GESELLSCHAFT FUR ZAHNARZTLICHE IMPLANTOLOGIE E.V.", DGZI, 4, ORALE IMPLANTOLOGIE, PAGE 3 AND PAGE 39				
CB	RESTORATIVE DENTISTS MANUAL, BRANEMARK SYSTEM, 015, "THE TREATMENT OF THE EDENTULOUS JAW".				
CC	NOBEL BIOCARE, BRANEMARK SYSTEM, "IMPLANT PLACEMENT PROCEDURE", MK, IV Ø 4 MM RP IMPLANT, DRILLING PROCEDURE FOR MK IV Ø 4 MM RP IMPLANT, PAGES 39-40, NOBEL BIOCARE AB, BOX 5190, SE-402 26 GOTEBORG, SWEDEN., WWW.NOBELBIOCARE.COM				
CD	VAN NOSTRAND'S SCIENTIFIC ENCYCLOPEDIA, D.VAN NOSTRAND COMPANY INC., PRINCETON, NEW JERSEY, THIRD EDITION, 017, "SCREW PROPELLER - SCROTTUM, PAGE 1468.				
CE	TMS LINK/TMS LINK PLUS, "RETENTION PINS, FOR PERMANENT RETENTION IN THE MOST DEMANDING INDICATIONS", COLTENE WHALEDENT, TMS LINK/TMS LINK PLUS: "IT'S THE DETAILS THAT MAKE THE DIFFERENCE", TMS LINK/TMS LINK PLUS: "FOR VARIOUS INDICATIONS IN ANTERIOR AND POSTERIOR TEETH", COMPREHENSIVE: "FOUR PIN SIZES EACH WITH A CORRESPONDING KODEX DRILL".				
CF	PER ASTRAND, ET AL., "TAPERED IMPLANTS IN JAWS WITH SOFT BONE QUALITY: A CLINICAL AND RADIOGRAPHIC 1-YEAR STUDY OF THE BRANEMARK SYSTEM MARK IV FIXTURE", PAGES 213-218.				
CG	BERTIL FRIBERG, ET AL., "ONE-YEAR PROSPECTIVE THREE-CENTER STUDY COMPARING THE OUTCOME OF A "SOFT BONE IMPLANT" (PROTOTYPE MK IV) AND THE STANDARD BRANEMARK IMPLANT", PAGES 71-77, 2003, BC DECKER INC.				
CH	CAROLINE MCCARTHY, ET AL., "SINUS AUGMENTATION BONE GRAFTS FOR THE PROVISION OF DENTAL IMPLANTS: REPORT OF CLINICAL OUTCOME", THE INTERNATIONAL JOURNAL OF ORAL & MAXILLOFACIAL IMPLANTS, PAGES 377-382, VOLUME 18, NUMBER 3, 2003.				
CI	LEONARDO VANDEN BOGAerde, ET AL., "EARLY FUNCTION OF SPLINTED IMPLANTS IN MAXILLAS AND POSTERIOR MANDIBLES USING BRANEMARK SYSTEM, "MACHINED-SURFACE IMPLANTS: AN 18-MONTH PROSPECTIVE CLINICAL MULTICENTER STUDY", PAGES 21-28, CLINICAL IMPLANT DENTISTRY AND RELATED RESEARCH, VOLUME 5, SUPPLEMENT 1, 2003				
CJ	ROLAND GLAUSER, ET AL, "IMMEDIATE OCCLUSAL LOADING OF BRANEMARK TIUNITE™ IMPLANTS PLACED PREDOMINANTLY IN SOFT BONE: 1-YEAR RESULTS OF A PROSPECTIVE CLINICAL STUDY", PAGES 47-56, 2003, BC DECKER INC.				

Examiner Signature	Date Considered
--------------------	-----------------

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

²Applicant's unique citation designation number (optional). ³Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449/PTO				Complete if Known	
				Application Number	09/509,869-Conf. #1354
				Filing Date	June 15, 2000
				First Named Inventor	Lennart Carlsson
				Art Unit	3764
				Examiner Name	N. D. Lucchesi
Sheet	3	of	4	Attorney Docket Number	21547-00268-US

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
	CK	MORGAN OLLSSOM, ET AL., "EARLY LOADING OF MAXILLARY FIXED CROSS-ARCH DENTAL PROSTHESES SUPPORTED BY SIX OR EIGHT OXIDIZED TITANIUM IMPLANTS: RESULTS AFTER 1 YEAR OF LOADING, CASE SERIES", PAGES 81-87, 2003 BC DECKER INC., CLINICAL IMPLANT DENTISTRY AND RELATED RESEARCH, VOLUME 5, SUPPLEMENT 1, 2003			
	CL	ANTONIO ROCCI, ET AL., "HISTOLOGY OF RETRIEVED IMMEDIATELY AND EARLY LOADED OXIDIZED IMPLANTS: LIGHT MICROSCOPIC OBSERVATIONS AFTER 5 TO 9 MONTHS OF LOADING IN THE POSTERIOR MANDIBLE", PAGES 88-98, 2003 BC DECKER INC., CLINICAL IMPLANT DENTISTRY AND RELATED RESEARCH, VOLUME 5, SUPPLEMENT 1, 2003.			
	CM	ROLAND GLAUSER, ET AL., "IMMEDIATE OCCLUSAL LOADING OF BRANMARK MKVII TITANIUM™ IMPLANTS PLACED IN BONE QUALITY TYPE 4", UNIVERSITATI OF ZURICH, DENTAL SCHOOL, SWITZERLAND, DEPARTMENT OF BIOMATERIALS, INSTITUTE OF SURGICAL SCIENCES, GOTEBORG UNIVERSITY, GOTHEBORG, SWEDEN, PAGES 22 AND 24, APPLIED OSSEointegration RESEARCH, VOLUME 3, NOVEMBER 1, 2002.			
	CN	DOMINIC O'SULLIVAN, ET AL., "MEASUREMENTS COMPARING THE INITIAL STABILITY OF FIVE DESIGNS OF DENTAL IMPLANTS: A HUMAN CADAVER STUDY", PAGES 85- 92, 2000 B.C. DECKER INC., CLINICAL IMPLANT DENTISTRY AND RELATED RESEARCH, VOLUME 2, NUMBER 1, 2000.			
	CO	#49, JOVANOVIC SA, ET AL., "SINUS BONE GRAFTS WITH TAPERED MACHINED SURFACED TITANIUM (MK IV) DENTAL IMPLANTS: 1-YEAR CLINICAL FOLLOW-UP", CLINICAL ORAL IMPLANT., RES. 12, 2001, VOLUME 405, PAGE 393			
	CP	PHILIPPE ADRIAENSSENS, ET AL., "IMMEDIATE IMPLANT FUNCTION IN THE ANTERIOR MAXILLA: A SURGICAL TECHNIQUE TO ENHANCE PRIMARY STABILITY FOR BRANMARK MK III AND MK IV IMPLANTS", A RANDOMISED, PROSPECTIVE CLINICAL STUDY AT THE 1-YEAR FOLLOW-UP, PAGES 17-21, APPLIED OSSEointegration RESEARCH, VOLUME 2, NUMBER 1, 2001.			
	CQ	ANTONIO ROCCI, ET AL., "IMMEDIATE FUNCTION OF SINGLE AND PARTIAL RECONSTRUCTIONS IN THE MAXILLA USING MK IV FIXTURES", A RETROSPECTIVE ANALYSIS, PAGES 22-26, APPLIED OSSEointegration RESEARCH, VOLUME 2, NUMBER 1, 2001.			

Examiner Signature	Date	
	Considered	

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

²Applicant's unique citation designation number (optional). ³Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	09/509,869-Conf. #1354
(Use as many sheets as necessary)				Filing Date	June 15, 2000
Sheet	4	of	4	First Named Inventor	Lennart Carlsson
				Art Unit	3764
				Examiner Name	N. D. Lucchesi
				Attorney Docket Number	21547-00268-US

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
	CR	ROLAND GLAUSER, ET AL., "INITIAL IMPLANT STABILITY USING DIFFERENT IMPLANT DESIGNS AND SURGICAL TECHNIQUES: A COMPARATIVE CLINICAL STUDY USING INSERTION TORQUE AND RESONANCE FREQUENCY ANALYSIS, UNIVERSITY OF ZURICH, DENTAL SCHOOL, SWITZERLAND, DEPT OF BIOMATERIALS/HANDICAP RESEARCH, UNIVERSITY OF GOTHEBORG, SWEDEN, PAGES 6-8, APPLIED OSSEointegration RESEARCH, VOLUME 2, NUMBER 1, 2001, 02 8375.			
	CS	KATSUHIRO HIRIUCHI, ET AL., "ANTEROINFERIOR DISTRACTION OF THE ATROPHIC SUBTOTAL MAXILLARY ALVEOLUS FOR IMPLANT PLACEMENT: A CASE REPORT", PAGES 416-423, VOLUME 17, NYUMBER 3, 2002.			
	CT	M. TOMATIS, ET AL., "IMMEDIATE LOADING OF BRANEMARK IMPLANTS WITH TWO DIFFERENT SURFACES", PRIVATE PRACTICE, BOLOGNA ITALY, NOBEL BIOCARE AB, GOTHEBORG, SWEDEN, #78.			
	CU	GUIDO HEYDECKE, ET AL., "EVOLUTION AND USE OF ALUMINUM OXIDE SINGLE-TOOTH IMPLANT ABUTMENTS: A SHORT REVIEW AND PRESENTATION OF TWO CASES", PAGES 488- 493, THE INTERNATIONAL JOURNAL OF PROSTHODONTICS, VOLUME 15, NUMBER 5, 2002.			
	CV	THOMAS J. BALSHI, ET AL., "IMMEDIATE LOADING OF DENTAL IMPLANTS IN THE EDENTULOUS MAXILLA: CASE STUDY OF A UNIQUE PROTOCOL", PAGES 37-46, VOLUME 23, NUMBER 1, 2003, 03 8985.			
	CW	PAULO MALO, ET AL., "A PILOT STUDY OF COMPLETE EDENTULOUS REHABILITATION WITH IMMEDIATE FUNCTION USING A NEW IMPLANT DESIGN: CASE SERIES", PAGES 223- 232, CLINICAL IMPLANT DENTISTRY AND RESEARCH, VOLUME 8, NUMBER 4, 2006.			
	CX	B. AL-NAWAS, ET AL., "COMPARATIVE HISTOMORPHOMETRY AND RESONANCE FREQUENCY ANALYSIS OF IMPLANTS WITH MODERATELY ROUGH SURFACES IN A LOADED ANIMAL MODEL", PAGES 1-8, THE AUTHORS JOURNAL COMPILATION 2007 BLACKWELL MUNKSGAARD.			
	CY	PAUL P. LANG, ET AL., "MAXILLARY ZIRCONIA IMPLANT FIXED PARTIAL DENTURES OPPOSING AN ACRYLIC RESIN IMPLANT FIXED COMPLETE DENTURE: A TWO-YEAR CLINICAL REPORT", PAGES 321-330, THE JOURNAL OF PROSTHETIC DENTISTRY, VOLUME 97, ISSUE 6			

Examiner Signature	Date Considered
--------------------	-----------------

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

²Applicant's unique citation designation number (optional). ³Applicant is to place a check mark here if English language Translation is attached.